

Vivian O'Dell

Education

1. B.S. Physics, Math, 1980 University of Georgia, Athens, GA
2. M.S., Ph.D. Physics, 1987 Brown University, Providence, RI

Employment

1. Research Associate, Rutherford Appleton Laboratory, UA1 Experiment, 1987-1990
2. Research Associate, NIKHEF, Amsterdam, ZEUS experiment, 1990-1993
3. Staff Scientist, Fermilab, KTeV, D0, CMS experiments, 1993 - present

Selected professional activities

1. Member of the Fermilab Scientific Advisory Committee
2. CMS experiment, USCMS Deputy Operations Manager, deputy coordinator CMS Conference Committee, member of CMS Trigger/DAQ Institutional Board
3. Fermilab Lederman Fellowship committee, 2011 – present, past member of Wilson Fellow committee, past chair of Fermilab Committee on Scientific Appointments
4. Served as QCD convener for both the CMS and DZero experiments

Selected publications

1. Shape, transverse size, and charged hadron multiplicity of jets in pp collisions at 7 TeV. CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) et al.). Apr 2012. CMS-QCD-10-029, CERN-PH-EP-2012-079.
2. Measurement of the Underlying Event Activity at the LHC with $\sqrt{s}=7$ TeV and Comparison with $\sqrt{s}=0.9$ TeV. CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) et al.). Jul 2011. Published in JHEP 1109 (2011) 109
3. Charged particle transverse momentum spectra in pp collisions at $\sqrt{s}=0.9$ and 7 TeV. CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) et al.). Apr 2011. Published in JHEP 1108 (2011) 086
4. Measurement of the Isolated Prompt Photon Production Cross Section in pp Collisions at $\sqrt{s}=7\sim 14$ TeV. CMS Collaboration (Vardan Khachatryan (Yerevan Phys. Inst.) et al.) Published in Phys.Rev.Lett. 106 (2011) 082001
5. Measurement of the inclusive jet cross-section in pp collisions at $\sqrt{s}=1.96$ -TeV. D0 Collaboration (V.M. Abazov (Dubna, JINR) et al.). Feb 2008. Published in Phys.Rev.Lett. 101 (2008) 062001
6. Measurement of the branching fraction of the decay $K(L) \rightarrow \pi^+ \pi^- e^+ e^-$. The KTeV Collaboration (J. Adams (Virginia U.) et al.). Feb 1998. Published in Phys.Rev.Lett. 80 (1998) 4123-4126